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MALDON
RURAL DISTRICT COUNCIL

Annual Report

OF THE
MEDICAL OFFICER OF HEALTH

(JOHN F. MACDONALD, M.D., D.P.H.)

FOR

1948

SOUTHEND-ON-SEA

W. H. Houldershaw, Ltd., Printers, 49-55, London Road,

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COUNCIL OFFICES,
LONDON ROAD,
CHELMSFORD.

18th July, 1949

**To the Chairman and Members of the
Maldon Rural District Council.**

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour of presenting for your consideration my Annual Report on the health and sanitary circumstances of your District for the year 1948.

The Birth Rate for the year 1948 was 17.5 per 1,000 of the population as against 19.0 for the previous year. The Death Rate was 9.4 as against 14.1 for the year 1947.

For assistance rendered in the preparation of this Report, I am indebted to Mr. Turner, Senior Sanitary Inspector, and to other colleagues.

To the Council, may I express my appreciation for their consideration.

I am,

Your obedient servant,

JOHN F. MACDONALD.

PUBLIC HEALTH OFFICERS.

<i>Clerk to the Rural District Council</i>	L. H. Hiscott
<i>Assistant Clerk</i>	H. J. Freeman, Solicitor.
<i>Medical Officer of Health ...</i>	John F. Macdonald, M.D., Ch.B., D.P.H., who also acts in this capacity for the Rural Districts of Chelmsford and Rochford.
<i>Clerk to Medical Officer of Health</i>	W. D. Hall. (Part Time)
<i>Surveyor and Water Engineer...</i>	I. M. Nicholson, M.I.M.Cy.E., M.R.San.I.
<i>Consulting Surveyor</i>	W. Almond, A.R.San.I.
<i>Senior Sanitary Inspector ...</i>	G. L. Turner, M.R.San.I. Qualified Inspector of Meat and other Foods.
<i>Housing Survey Assistant ...</i>	V. A. Arnold.

REPORT

OF THE

Medical Officer of Health

For the Year 1948

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (acres)	...	...	78,507	(land and inland water)
Registrar General's estimate of civilian population	June, 1948		14,350	
"	"	"	Dec.	14,360
Census Population, 1931	...	...	13,348	(new area)
Number of inhabited houses	1931 census	...	3,865	
Estimated number of houses	at end of 1948	...	4,905	
Rateable Value	at 1st April, 1948	...	£78,962	
Product of a Penny Rate for the year ending	31st March, 1948	...	£313	1 1

Except in certain centres, the District is very sparsely populated. Nearly half of the population is directly or indirectly dependent upon agriculture, 43.6 per cent of the adult male population being directly employed in the industry.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

		Total	Males	Females	
Live Births	{ Legitimate	240	130	110	} Birth Rate per 1,000 of the estimated resident population ... 17.5
	{ Illegitimate	12	3	9	
Still Births	{ Legitimate	2	2	—	} Rate per 1,000 total (live and still) Births ... 7.9
	{ Illegitimate	—	—	—	
Deaths	...	135	70	65	} Death Rate per 1,000 of the estimated resident population ... 9.4

Deaths from Puerperal causes :—

From Puerperal and Post-abortive sepsis	...	...	Nil
From other Maternal causes	...	...	1

Number of deaths of infants under 1 year of age :—

Males 4 (illegitimate Nil), Females 1 (illegitimate Nil)

Total 5

Deaths of Infants under 1 year of age :—

Legitimate per 1,000 Legitimate Live Births	...	20
Illegitimate „ „ Illegitimate „ „	...	Nil
All Infants „ „ Live Births	...	19

Deaths from Cancer (all ages)	...	...	...	...	23
„ „ Measles (all ages)	...	...	...	...	1
„ „ Whooping Cough (all ages)	...	...	...	...	1
„ „ Diarrhoea (under 2 years of age)	...	...	...	...	Nil

The following tabular statements give details of the number of deaths classified according to age and cause :—

Age				Number of deaths			
				Occurring in district	Of non-residents occurring in district	Of residents occurring outside district	Allotted district
Under 1 year	...	...	...	2	—	3	5
1 and under 2	...	...	...	1	—	—	1
2 „ „ 5	...	...	...	—	—	—	—
5 „ „ 15	...	...	...	2	—	1	3
15 „ „ 25	...	...	...	1	1	—	—
25 „ „ 35	...	...	...	—	—	2	2
35 „ „ 45	...	...	...	—	—	5	5
45 „ „ 55	...	...	...	5	1	3	7
55 „ „ 65	...	...	...	12	—	7	19
65 „ „ 75	...	...	...	22	—	11	33
75 and over	...	...	...	40	—	20	60
TOTALS	...	...	...	85	2	52	135

Causes of Death	Males	Females	Totals
Typhoid and Paratyphoid Fever ...	—	—	—
Measles	1	—	1
Scarlet Fever	—	—	—
Whooping Cough	1	—	1
Diphtheria	—	—	—
Influenza	—	—	—
Acute Poliomyelitis and Polioencephalitis	—	—	—
Acute Inf. Encephalitis	—	—	—
Cerebro Spinal Fever	—	—	—
Tuberculosis of Respiratory System ...	4	1	5
Other Tuberculous Diseases	—	—	—
Syphilitic Diseases	—	—	—
Cancer	13	10	23
Diabetes	—	—	—
Intra Cranial vascular lesions	10	7	17
Heart Disease	24	26	50
Other Circulatory Diseases	—	1	1
Bronchitis	—	—	—
Pneumonia	2	5	7
Other Respiratory Diseases	—	—	—
Ulcer of Stomach or Duodenum	—	—	—
Diarrhoea (under 2 years)	—	—	—
Appendicitis	1	—	1
Other Digestive Diseases	2	3	5
Nephritis	2	—	2
Puerperal and Post Abortive Sepsis ...	—	—	—
Other Maternal causes	—	1	1
Malformation etc.	—	1	1
Premature Birth	2	—	2
Suicide	1	—	1
Road Traffic accidents	2	—	2
Other Violent causes	2	—	2
All other causes	3	10	13
Totals	70	65	135

**COMPARATIVE TABLE OF BIRTH AND DEATH RATES
DURING THE YEAR, 1948.**

	Rate per 1 000 civilian population		Deaths under 1 year per 1 000 registered live births
	Live Births	Deaths from all causes	
England and Wales ...	17.9	10.8	34
126 County Boroughs and Great Towns including London	20.0	11.6	39
148 Smaller Towns with Resident Population of from 25,000 to 50,000 (1931 Census)	19.2	10.7	32
Maldon Rural District ...	17.5	9.4	19

The natural increase in the population, namely, the excess in the number of live births over the number of deaths, is shown in the following tabular statement for each of the ten years 1938—1948.

Year	No. of Births	No. of Deaths	Natural Increase
1938 ...	174 ...	193 ...	—19
1939 ...	154 ...	185 ...	—31
1940 ...	188 ...	207 ...	—19
1941 ...	202 ...	201 ...	+ 1
1942 ...	205 ...	196 ...	+ 9
1943 ...	193 ...	204 ...	—11
1944 ...	255 ...	174 ...	+81
1945 ...	214 ...	185 ...	+29
1946 ...	268 ...	204 ...	+64
1947 ...	259 ...	192 ...	+67
1948 ...	240 ...	135 ...	+105

**Table showing Census Population 1921 and 1931, and
Number of Houses Census 1931 and December, 1948.**

PARISH	Area in statute acres (land and inland water)	Tidal water and fore- shore	Num- ber of Houses 1931	Census Population		Number of Houses at end of Dec. 1948 excl. of hutments
				1921	1931	
Althorne	2080	255	117	401	390	153
Asheldham	1310	—	42	203	168	51
Bradwell-on-Sea ...	5221	4230	188	747	657	242
Braxted Great ...	2634	—	85	283	282	107
Braxted Little ...	622	—	36	109	116	40
Cold Norton	1692	—	102	326	384	128
Dengie	2856	1186	54	181	192	46
Fambridge North...	1242	107	50	177	168	97
Goldhanger	1622	—	107	361	353	183
Hazeleigh	991	—	33	121	114	39
Langford	991	3	49	167	169	49
Latchingdon	3992	207	122	420	419	196
Mayland	1870	—	99	343	360	142
Mundon	3076	—	60	269	251	94
Purleigh	5771	87	223	857	770	295
St. Lawrence	2139	324	20	132	71	77
Southminster	6512	828	439	1592	1403	485
Steeple	2709	47	94	391	343	126
Stow Maries	1610	82	48	147	165	56
Tillingham	4928	2593	211	836	670	250
Tollesbury	4839	2019	467	1721	1694	538
Tolleshunt D'Arcy...	4104	415	236	780	748	258
Tolleshunt Knights	1926	—	78	235	252	134
Tolleshunt Major ...	2253	2	96	338	370	119
Totham Great	3589	—	286	973	982	357
Totham Little	1281	—	85	301	293	85
Ulting	1034	—	37	144	143	44
Wickham Bishops...	1606	—	191	498	639	251
Woodham Mortimer	1387	—	69	229	268	82
Woodham Walter ...	2620	—	141	612	514	171
TOTALS ...	78507	12385	3865	13894	13348	4905

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

As from 5th July, 1948, all hospitals providing treatment for patients in the area have been transferred to the North-East Metropolitan Regional Hospital Board (Group 18).

INSTITUTIONAL PROVISION FOR UNMARRIED MOTHERS, ILLEGITIMATE INFANTS AND HOMELESS CHILDREN IN THE AREA, is provided by the Essex County Council.

AMBULANCE FACILITIES.

These are provided free to patients by the Essex County Council.

The ambulance depot for the area is at the Fire Station, London Road, Maldon.

CLINICS AND TREATMENT CENTRES (provided by the County Council).

Tuberculosis Dispensary :

Combined Treatment Centre, Wantz Chase, Maldon ;
2nd and 4th Thursdays—10 a.m.—12 noon.

Maternity and Child Welfare Centres :

Mayland	Old School, Upper Mayland	1st Thursday in each month 2.30 p.m.	Dr. E. Emslie.
Bradwell	Village Hall	1st Wednesday in each month 2.0 p.m.	Dr. E. Emslie.
South- minster	Baptist Chapel School Room	4th Monday in each month 2.30 p.m.	Dr. E. Emslie.
Tollesbury	Infant School	1st and 3rd Tuesdays in each month 2 p.m.	Dr. E. Emslie.

Wickham Bishops	Church Room	2nd and 4th Wednesdays in each month 2.30 p.m.	Dr. Mackenzie.
Cold Norton	Village Hall	4th Tuesday in each month 1.30 p.m.	Dr. E. Emslie.
Tillingham	Village Hall	2nd Thursday in each month 2.30 p.m.	Dr. E. Emslie.
North Fambridge	Old School	1st Tuesday in each month 2 p.m.	Weighing Centre. No Doctor.
Heybridge	Waring Hall	2nd & 4th Tuesdays in each month 2.30 p.m.	Dr. E. Emslie. attends 2nd Tuesday.
*Woodham Walter	Women's Institute Club Room	3rd Thursday in each month 2 p.m.	Dr. E. Emslie.
<p>*This Clinic has the Medical Officer in attendance only when there are 5 Thursdays in the month and the Clinic is held on that Thursday instead of 3rd Thursday.</p>			
Goldhanger	Village Hall	3rd Thursday in each month 2.30 p.m.	Dr. E. Emslie.
Tolleshunt D'Arcy	Village Hall	1st Thursday in each month 2.30 p.m.	Weighing Centre No Doctor.
Latchingdon	Village Hall	4th Tuesday in each month 2.30 p.m.	Dr. E. Emslie.

Ante-Natal Clinics :

Health Centre Wantz Chase, Maldon	Tuesdays in each month 9.30 a.m.	Dr. E. Emslie.
Infant School Tollesbury	3rd Monday 1.30 p.m.	Dr. E. Emslie.
Village Hall Goldhanger	3rd Thursday in each month 2 p.m.	Dr. E. Emslie.

Women's Welfare Clinic :

Health Centre, Wantz Chase, Maldon	1st Monday 1.30 p.m.	Dr. E. Emslie.
---------------------------------------	-------------------------	----------------

Ante-Natal Patients seen prior to Child Welfare Centre on 1st Tuesday at Tollesbury.

School Clinics :

Orthopaedic After Treatment Centre	Health Centre, Wantz Chase, Maldon	1st Tuesday (temporarily) 2 p.m.
Minor Ailments Clinic	do. do.	Fridays 9.30-12 noon.

Dental and Eye Clinics are also held at the Maldon Health Centre and other places in the district as and when required.

For operative treatment for the removal of Adenoids and enlarged Tonsils arrangements have been made by the Essex County Education Committee at the following hospitals :—

Chelmsford and Essex, Chelmsford ; St. John's, Chelmsford ; and Essex County, Colchester.

Treatment Centres for Venereal Diseases :

These are situated at Chelmsford and Colchester Hospitals, Oldchurch County Hospital, Romford, and a number of London General Hospitals.

PROFESSIONAL NURSING IN THE HOME.

(a) General. No arrangements have been made by the District Council, but for General Nursing there are a number of local Nursing Associations throughout the district which employ nurse midwives. These are under the supervision of the County Nursing Association and the District Council has no direct or indirect control over these Associations.

(b) Infectious Diseases. No arrangements have been made by the District Council.

MIDWIVES. None is subsidized by the District Council. There were 9 midwives practising in the district at the end of 1948. Of these 8 are district nurses and 1 is in private practice.

LABORATORY FACILITIES. These services are provided by the Essex County Council, and bacteriological facilities are also available at St. John's Hospital Chelmsford.

TREATMENT OF DIABETES. As from July 5th, 1948, this is provided under the National Health Service Act, 1946.

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

There are 183 cowkeepers and 42 retail purveyors of milk in the District, 66 are licensed to produce Accredited milk, and 34 to produce Tuberculin Tested milk. Two supplementary licences to sell Pasteurised Milk were granted.

Meat and Other Foods.

Owing to the Ministry of Food Control, and Centralizing of Slaughtering, there are now (with the exception of those used for slaughtering pigs for private persons), no slaughterhouses in the District. Routine visits have been made to the butchers' shops, vans and food shops.

WATER SUPPLY.

By the end of 1948 a piped water supply from the mains owned by the District Council was available to 90 per cent of the population. The figures for each parish are set out in the table on page 15.

The supply is augmented from three local works :—

Springs at Woodham Walter.

Springs at Asheldam.

Deep well at Tollesbury.

The supplies from these three works are chlorinated.

Under the Southend Waterworks Act and the South Essex Waterworks Act, the District Council has certain legal rights to be supplied by these companies with a bulk supply of water. The following table gives details of the water supplied to the District for the year ending 31st March, 1949 :—

Source of Supply	Total Gallons	Average Daily	Cost £	Cost per 1,000 galls. d.
South Essex Waterworks Co. ...	116,272,000	319,000	5,020	10.36
Southend Waterworks Co. ...	3,983,000	11,000	327	19.70
Lexden and Winstree ...	6,586,000	18,000	415	15.11
Total Amount Purchased ...	126,841,000	348,000	5,762	11.84
Asheldam ...	† 6,861,000	21,000	695	24.30
Tollesbury ...	3,185,000	10,000	361	27.14
Woodham Walter ...	25,779,000	71,000	744	6.93
Total ...	35,825,000	102,000	1,800	12.06
Total supplied from All Sources	162,666,000	450,000	7,562	11.15

† Includes 671,000 gallons pumped to waste while the chlorination plant was out of action.

Water was taken from Southend Waterworks Co. on 327 days
 „ „ „ „ Lexden and Winstree on 368 days

**RECORD OF HABITABLE HOUSES AND WATER
SUPPLY AS AT 31st DECEMBER, 1948.**

PARISH	Habitable Houses (not includ- ing Huts or Vans)	No. of Houses on Domestic Water Supply	Within 100 yds. of water main but not supplied	Where piped water supply is not available	War Services
Althorne	153	150	—	3	—
Asheldam	51	36	5	10	—
Bradwell-on-Sea	242	197	33	12	2
Braxted, Great	107	35	18	54	—
Braxted, Little	40	38	—	2	—
Cold Norton	128	127	1	—	—
Dengie	46	39	3	4	—
Fambridge, North	97	92	—	5	—
Goldhanger	183	154	20	9	—
Hazeleigh	39	39	—	—	—
Langford	49	33	—	16	—
Latchingdon	196	196	—	—	—
Mayland	142	137	—	5	—
Mundon	94	94	—	—	—
Purleigh	295	292	—	3	—
St. Lawrence	77	50	—	27	—
Southminster	485	455	—	30	—
Steeple	126	95	7	24	—
Stow Maries	56	56	—	—	—
Tillingham	250	200	19	31	2
Tollesbury	538	526	2	10	—
Tolls. D'Arcy	258	187	31	40	—
Tolls. Knights	134	133	1	—	—
Tolls. Major	119	88	11	20	—
Totham, Great	367	317	32	18	—
Totham, Little	85	63	9	13	—
Ulling	44	16	—	28	—
Wickham Bishops	251	216	24	11	—
Woodham Mortimer... ..	82	77	—	5	—
Woodham Walter	171	103	5	63	—
TOTALS	4905	4241	221	443	4

SOUTH ESSEX WATERWORKS COMPANY

Recent Analysis of Samples of Water Pumped from the Works at Langham and Layer-de-la-Haye.

(CHEMICAL RESULTS IN PARTS PER MILLION)

	Langham	Layer-de-la-Haye
Appearance ...	Clear and bright	Clear and bright
Colour A.P.H.A. ...	4	7
Turbidity, silica scale	0.1	Nil
Odour ...	v. slight chlorinous	Nil
Taste ...	Nil	Nil
Electric conductivity		
20° C. ...	800	530
Total solids 180° C.	534	353
Reaction P.H. ...	7.5	7.7
"Free Chlorine" ...	0.35	0.25
Chlorides as Cl. ...	101	40
Total Oxidised Nitrogen ...	1.1	1.2
Nitrites as N ...	Nil	Nil
Hardness, Permanent	99	120
Temporary	205	132
Total ...	304	252
Free Ammonia ...	0.22	0.14
Albuminoid Ammon.	0.08	0.15
Oxygen absorbed		
4 hrs. 27° C. ...	0.34	0.91
Metals ...	Nil	Nil
Colony Count per m.l. on Agar 1 day at 37° C. ...	1	4
Ditto 3 days at 20° C.	1	15
Presumptive coli count per 100m.l.	0	4 days at 20°C 0
Bact. Coli count per 100m.l.	0	0
Cl. Welchii re-action		
Present ...	—	100 m.l.
Absent ...	100 m.l.	10 m.l.

Sample of Water from the Mains of the Southend Waterworks Company.

					<i>Chemical Results in Parts per Million</i>
Appearance	...	...	...	...	Clear & Bright
Turbidity (Silica Scale)	...	...	...	...	Nil
Colour	...	...	...	...	Hazen (less than 10)
Odour	...	...	...	...	Nil
Reaction pH	...	...	...	...	8.4 (faint alkaline)
Free Carbon Dioxide	...	...	...	...	Absent
Electric Conductivity at 20° C.	...	...	...	...	500
Total Solids, dried at 180° C.	...	...	...	...	335
Chlorine in Chlorides	...	...	...	...	44
Alkalinity as in Calcium Carbonate	...	...	...	...	20
Hardness : Total	...	...	...	...	190
Permanent	...	...	...	...	20 Non-Carbonate
Temporary	...	...	...	...	170 Carbonate
Nitrogen in Nitrates	...	...	...	...	6.4
Nitrogen in Nitrites	...	...	...	less than	0.01
Free Ammonia	...	...	...	less than	0.060
Albuminoid Ammonia	...	...	...	...	0.088
Oxygen absorbed in 4 hrs. at 27° C.	...	...	...	...	1.05
Residual Chlorine	...	...	...	...	0.03 (at time of sampling)
Metals	...	...	...	...	Absent

Bacteriological Results.

Number of Colonies developing on Agar per c.c. or ml. in :

1 day at 37°C. Nil

2 days at 37°C. 1

3 days at 20°C. Nil

Presumptive Coliform Reaction : Present in —.
Absent from 100ml.

Bact. coli. : Present in —.
Absent from 100ml.

Cl. Welchii Reaction : Present in —.
Absent from 100ml.

Report.

This sample is clear and bright in appearance, faintly alkaline in reaction and free from metals. The hardness of the water and its content of mineral and saline constituents in solution are moderate. Its organic quality is satisfactory and its bacterial purity is of the highest character. The water is considered pure and wholesome in character and suitable for drinking and domestic purposes.

RIVERS AND STREAMS.

The Rivers Blackwater and Chelmer flow through the district. Neither of these rivers receives polluting matter to any extent while flowing through the Maldon Rural District. The Chelmsford Corporation Water Act, 1923, authorises the Corporation of Chelmsford to abstract water from the River Chelmer near Sandford Mill in the Rural District of Chelmsford—the quantity not to exceed 1,000,000 gallons per day. The Southend Waterworks Act, 1924, authorises the Southend Waterworks Company to abstract water from the River Chelmer near Rushes Lock and from the River Blackwater at Langford. The Southend Waterworks Act provides that the effluent from the Chelmsford Joint Sewerage Works be carried by a pipe past the point of intake at Rushes Lock and the effluent from the Witham Sewage Works beyond the point of intake from the River Blackwater at Langford. The discharge of such large volumes of sewage effluent into the rivers after a good deal of water has been extracted may cause a nuisance.

DRAINAGE AND SEWERAGE.

There are sewers in the parishes of Southminster, Tolleshunt D'Arcy and Tollesbury. Full use is not made of these Sewers. It is doubtful if they are capable of dealing with all the sewage when existing pail closets are converted into water closets.

The Council have under consideration plans of sewerage schemes for the more populous areas of the district.

The consulting Engineers are Messrs. Lemon and Blizard.

During 1945, the Council applied to the Ministry of Health for consent to borrow the sum of £9,450 for purposes of Sewerage and Sewage Disposal for the parish of Latchingdon. Owing to the very high cost of the scheme, the Ministry of Health was unable to sanction the construction of the works. It is again receiving the consideration of the Council.

PUBLIC CLEANSING.

At the end of 1948 scavenging was undertaken by the District Council through contractors as follows :—

Althorne	...	...	Removal of contents of pail closets.
Goldhanger	...	...	Removal of contents of pail closets.
Mayland	...	...	Removal of contents of pail closets.
Southminster	...		Removal of contents of pail closets and house refuse.
Steeple	...	...	Removal of contents of pail closets.
Tollesbury	...	...	Removal of contents of pail closets and house refuse.
Tolleshunt D'Arcy	...		Removal of contents of pail closets and house refuse.
Woodham Walter	...		Removal of contents of pail closets.

Owing to difficulty of labour these services were curtailed.

On the whole these contractors carry out the work satisfactorily, but the time has approached when the District Council should undertake scavenging over a much larger area.

In addition to the above, a monthly collection of tins, bottles and similar refuse and of salvage in 28 parishes is undertaken.

SANITARY INSPECTION OF THE AREA.

The following table, prepared by the Sanitary Inspector is a classified statement of the number of premises visited, the defects or nuisances discovered, and the action and result of action taken in regard to these.

INSPECTIONS				NOTICES			
Nature	Number	Informal	Formal	Total complied with	Outstanding at end of year		
					Informal	Formal	
Infectious Diseases Inquiries ...	8	—	—	—	—	—	
Disinfections	4	—	—	—	—	—	
Houses Inspected & Recorded ...	853	—	—	—	—	—	
Re Overcrowding	19	—	—	—	—	—	
Re Dirty Conditions	12	—	—	—	—	—	
Re Structural Defects	52	29	—	—	—	—	
Re Nuisances in Houses	23	13	—	7	6	—	
Re-Inspections for above Inquiries	242	—	—	—	—	—	
Privies and Pail Closets	23	6	—	5	1	—	
House Drainage (all forms) ...	128	10	—	9	1	—	
Water Supply	41	5	—	5	—	—	
Schools	7	—	—	—	—	—	
Food Shops	22	—	—	—	—	—	
Cowsheds, Dairies, etc. ...	350	3	—	3	—	—	
Bakehouses	30	1	—	1	—	—	
Offensive Accumulations	1	—	—	—	—	—	
Factories	61	—	—	—	—	—	
Rats, Mice and Insect Pests ...	52	7	—	6	1	—	
Tents, Vans and Sheds	73	2	—	1	1	—	
Salvage	28	—	—	—	—	—	
Shops Act	30	—	—	—	—	—	
Miscellaneous	58	2	—	2	—	—	
TOTALS	2117	78	—	39	10	—	

Smoke Abatement. No cause for action occurred during the year.

Swimming Baths and Pools. There is a small open-air salt-water pool at Tollesbury,

Eradication of Bed Bugs. Two cases occurred and fumigation proved successful in both cases.

Knackers' Yards. There is one in the district, situated in the parish of Purleigh.

Moveable Dwellings. During the year 16 licences to use land as camping sites were granted under Section 269 of the Public Health Act, 1936.

Bakehouses. There are 15 in the district, situated in the following parishes :—Goldhanger 1, Purleigh 2, Southminster 1, Steeple 1, Stow Maries 1, Tillingham 2, Tolleshunt D'Arcy 1, Tollesbury 3, Wickham Bishops 2, and Woodham Walter 1.

Generally speaking these are kept clean, and minor improvements in construction have been made during the year.

HOUSING**Statistics for the Year, 1948.**

Number of new houses erected during the year :---

Total	...	...	...	...	...	...	...	85
(i) By the Local Authority					...	...	...	77
(ii) By other bodies and persons					...	...	...	8

PARISH	THE HOUSING ACT, 1890, the charges being special on the Parish	THE STATE AIDED SCHEME, charges being a general rate limited to penny rate	*THE HOUSING (FINANCIAL PROVISIONS) ACT, 1924, grants of £12 10s. per year given by Treasury for 40 years in agri- cultural parishes and £9 in other parishes	HOUSING ACTS, 1936 & 1946	WAR-TIME AGRICULTURAL HOUSING PROGRAMME (built during 1944-1946)
Althorne	—	—	—	—	—
Asheldam	3(a)	—	—	—	4
Bradwell	12(b)	—	—	6	—
Cold Norton	—	—	10	—	—
Dengie	—	—	8	—	—
Goldhanger	—	—	24	26	—
Great Braxted	—	—	6	—	—
Great Totham	—	8	18	32	—
Hazeleigh	—	—	6	—	—
Langford	—	—	6	—	—
Latchingdon	—	—	16	18	—
Little Braxted	—	—	4	—	—
Little Totham	—	—	6	4	—
Mayland	—	—	12	—	—
Mundon	—	—	12	6	—
North Fambridge	—	—	—	—	—
Purleigh	—	8	12	6	—
St. Lawrence	—	—	—	—	—
Southminster	—	—	28	28	4
Steeple	—	—	6	10	6
Stow Maries	—	—	12	6	—
Tillingham	—	—	6	16	—
Tollesbury	—	14	16	8	—
Tolleshunt D'Arcy	6	16	6	6	4
Tolleshunt Knights	—	—	10	—	—
Tolleshunt Major	—	6	—	12	—
Ulting	—	—	—	—	—
Wickham Bishops	—	9(c)	18	8	—
Woodham Mortimer	—	—	6	—	—
Woodham Walter	—	—	12	10	—
TOTALS	21	61	260	202	18

(a) Three Buildings converted into three dwellings.

(b) Of these six are Coastguard cottages bought by the Council in 1925, but not erected by them.

(c) These Cottages were bought by the Council, three already erected and the remaining partly erected were finished by the Council.

*These grants were reduced to £11 and £7 10s. per house as from 1st October, 1927.

The following table classifies the houses erected and owned by the District Council into Parlour and Non-Parlour types.

PARISH	Parlour Type	Non-Parlour Type	Totals
Althorne	—	—	—
Asheldham	5	2	7
Bradwell-on-Sea	12	6	18
Braxted, Great	—	6	6
Braxted, Little	—	4	4
Cold Norton	—	10	10
Dengie	—	8	8
Fambridge, North	—	—	—
Goldhanger	6	44	50
Hazeleigh	—	6	6
Langford	—	—	—
Latchingdon	6	28	34
Mayland	—	12	12
Mundon	6	12	18
Purleigh	8	18	26
St. Lawrence	—	—	—
Southminster	26	34	60
Steeple	10	12	22
Stow Maries	6	12	18
Tillingham	16	6	22
Tollesbury	18	20	38
Tolleshunt D'Arcy	22	16	38
Tolleshunt Knights	—	10	10
Tolleshunt Major	4	12	16
Totham, Great	30	28	58
Totham, Little	6	6	12
Ulting	—	—	—
Wickham Bishops	14	27	41
Woodham Mortimer	—	6	6
Woodham Walter	10	12	22
TOTALS	205	357	562

The total includes six cottages erected by Parish Council in Tolleshunt D'Arcy; six Coastguard cottages (parlour) re-erected on a new site in Bradwell-on-Sea. Buildings at Asheldham converted into three dwellings.

Nine cottages (non-parlour) purchased by Council (Wickham Bishops). 18 Agricultural cottages (parlour): Asheldham 4, Southminster 4, Steeple 6, Tolleshunt D'Arcy 4.

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES.

Notifiable Diseases (other than Tuberculosis) during 1948.

Three hundred and twenty-one cases of notifiable diseases (exclusive of Tuberculosis) were notified during the year as compared with 101 for the previous year. The number notified was not excessive, and the increase was due to an outbreak of measles.

The 6 food poisoning cases were sporadic and clinically nothing more than an attack of diarrhoea of short duration.

Notifiable Disease	Total Cases	Under 1	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65	65 and over	Age unknown	Cases admitted to Hospital	Total Deaths
Scarlet Fever ...	11	—	—	2	—	2	1	2	1	2	1	—	—	—	1	—
Whooping Cough	27	6	7	14	9	18	31	1	—	1	—	—	—	—	1	1
Measles	204	2	10	17	18	26	104	18	2	5	2	—	—	—	1	1
Pneumonia ...	10	1	—	1	—	1	2	—	—	1	—	—	—	4	—	7
Food Poisoning ...	6	—	—	—	—	—	—	—	2	3	1	—	—	—	—	—
Jaundice	2	—	—	—	—	—	—	—	1	—	—	1	—	—	—	—
Dysentery	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—
TOTALS ...	321	9	17	34	27	47	139	21	6	12	4	1	—	4	3	9

Diphtheria Immunisation. As from the 5th July 1948, this is administered by the County Council.

The percentage of children immunised at the period ending 30th June, 1948, based on the estimated population is shown in the following table.

DIPHTHERIA IMMUNISATION IN RELATION TO CHILD POPULATION.

	Number of children who had completed a full course of Immunisation at any time up to 30th June, 1948							
	Under 1 1948	1 1947	2 1946	3 1945	4 1944	5 to 9 1939-1943	10 to 14 1934-1938	Total Under 15
Age at 31.12.48 <i>i.e.</i> Born in year ...								
Number of children Immunised ...	1	39	100	74	95	867	863	2,039
Number of Births registered		259	268	214	255	1,176	915	
Estimated mid-year popu- lation 1948 ...			1,207		1,822			
Percentage Immunised ...			25%		94%			

DIPHTHERIA NOTIFICATIONS AND DEATHS IN RELATION TO IMMUNISATION

Age at date of Notification	NOTIFICATIONS		DEATHS		
	Number of cases Notified	Number of cases included in preceding column in which the child had completed a full course of immunisation	Age at date of Death	Number of Deaths	Number of cases included in preceding column in which the child had completed a full course of immunisation
Under 1					
1					
2					
3					
4					
5 to 9					
10 to 14					
Totals	Nil	Nil		Nil	Nil

Tuberculosis.

New Cases and Mortality during 1948.

Particulars are given in the following table of new cases of Tuberculosis and of deaths from the disease in the area during 1948.

Age Periods			* New Cases				Deaths			
			Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
			M.	F.	M.	F.	M.	F.	M.	F.
Under 1	...	...	—	—	—	—	—	—	—	—
1—5	...	...	—	—	—	—	—	—	—	—
5—10	...	...	—	—	—	—	—	—	—	—
10—15	...	...	—	—	2	—	—	—	—	—
15—20	...	...	—	1	—	—	—	—	—	—
20—25	...	...	1	2	—	—	—	—	—	—
25—35	...	...	3	1	—	—	1	—	—	—
35—45	...	...	1	—	—	—	1	—	—	—
45—55	...	...	1	—	—	—	2	—	—	—
55—65	...	...	—	1	—	—	—	—	—	—
65 and over	...	...	1	2	—	—	—	1	—	—
TOTALS	...	...	7	7	2	—	4	1	—	—

* Not including cases of Tuberculosis removed into the district during the year which had been previously notified elsewhere.

Distribution of Infectious Diseases, 1948.

**Table showing Local Distribution of Cases Notified during
the year 1948.**

PARISH			Scarlet Fever	Whooping Cough	Measles	Pneumonia	Food Poisoning	Jaundice	Dysentery	Pulmonary Tuberculosis	Other Forms of Tuberculosis	TOTALS
Althorne	...	...	3	1	9	—	—	—	—	—	—	13
Asheldam	...	...	2	2	—	—	—	—	—	—	—	4
Bradwell	...	...	—	8	29	—	—	—	—	—	1	38
Braxted, Great	...	...	—	2	5	—	—	—	—	—	—	7
Braxted, Little	...	...	1	—	—	—	—	—	—	—	—	1
Cold Norton	...	...	—	6	7	4	1	—	1	1	—	20
Dengie	...	...	—	—	—	—	—	—	—	—	—	—
Fambridge N.	...	...	—	1	1	—	—	—	—	—	—	2
Goldhanger	...	...	1	1	2	1	—	1	—	2	—	8
Hazeleigh	...	...	—	1	2	—	—	—	—	—	—	3
Langford	...	...	—	—	3	—	—	—	—	—	—	3
Latchingdon	...	...	—	1	3	—	—	—	—	—	1	5
Mayland	...	...	—	—	13	1	—	—	—	—	—	14
Mundon	...	...	1	1	4	1	—	—	—	1	—	8
Purleigh	...	...	—	14	14	—	2	—	—	2	—	32
Southminster	...	...	—	8	—	1	—	—	—	—	—	9
Steeple	...	...	—	1	4	—	1	—	—	—	—	6
St. Lawrence	...	...	—	1	2	—	—	—	—	—	—	3
Stow Maries	...	...	—	2	3	—	—	—	—	—	—	5
Tillingham	...	...	—	3	4	—	—	—	—	—	—	7
Tollesbury	...	...	1	—	40	—	—	—	—	1	—	42
Tolleshunt D'Arcy	...	...	1	—	7	—	—	—	—	2	—	10
Tolleshunt Knights	...	...	1	—	5	—	—	—	—	—	—	6
Tolleshunt Major	...	...	—	—	7	—	—	—	—	—	—	7
Totham, Great	...	...	—	9	7	—	—	—	—	1	—	17
Totham, Little	...	...	—	1	5	—	—	—	—	—	—	6
Ulting	...	...	—	—	7	2	2	—	—	1	—	12
Wickham Bishops	...	...	—	10	5	—	—	—	—	2	—	17
Woodham Mortimer	...	...	—	5	15	—	—	—	—	1	—	21
Woodham Walter	...	...	—	9	1	—	—	1	—	—	—	11
TOTALS			11	87	204	10	6	2	1	14	2	337

ADMINISTRATION OF THE FACTORIES ACT, 1937.

1.—**Inspections** for the purposes of provisions as to health.
Including inspections made by Sanitary Inspectors.

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	39	42	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	25	19	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	Nil	Nil	—	—
TOTAL ...	64	61	—	—

2.—Cases in which Defects were found.

Particulars	Number in which defects were found				Number of Cases in which Prosecutions were Instituted
	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector	
Want of Cleanliness (S.1)	2	2	—	—	—
Overcrowding (S.2) ...	—	—	—	—	—
Unreasonable Temperature (S.3)	—	—	—	—	—
Inadequate Ventilation (S.4)	—	—	—	—	—
Ineffective Drainage of Floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7) :					
Insufficient	4	4	—	—	—
Unsuitable or Defective	1	1	—	—	—
Not separate for sexes	1	1	—	—	—
Other Offences against the Act (not including offences relating to out-work)	—	—	—	—	—
TOTAL ...	8	8	—	—	—

OUTWORK (Sections 110-111)

Nature of Work	Section 110			Section 111		
	No. of out-workers in August list required by Sect. 110 (1) (c) (3)	No. of cases of default in sending lists to the Council	No. of prosecution failure for to supply lists	No. of instances unwholesome premises	Notices Served	Prosecutions
Wearing apparel	7	—	—	—	—	—
Making etc.						
Cleaning and wash- ing . . .	—	—	—	—	—	—
Artificial flowers . . .	1	—	—	—	—	—
Total . . .	8	—	—	—	—	—



